Acer MP340

User's Manual

Ver 1.0

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/ Safety Instruction

1) Make sure a close reading of this Safety Instruction.
2) Be sure to well keep this brochure for further need
3) Please keep MP3 in a dry place.
4) Please keep it out of sunshine.
5) Any liquid should never be poured into this device or destruction or electric leakage might happen
6) If one of the following cases happens, please contact a professional:
   - The pouring of any liquid into the device
   - The device is dampened
   - Abnormal working of the device or no working can be obtained under the manual's guide
   - The drop or damage of the device
7) No use of MP340 in such cases:
   - when driving or riding
   - when doing a high risky job
   - when walking on the street
   - any case that needs full attention
8) If you want to format the disk of MP340, please select the format of FAT32.
9) No liquid or spraying detergent can be used for cleaning, and only a wet soft cloth is enough.
10) Please adjust the volume to proper when the earphone is connected in case of any listening hurting.
11) Attention: Explosion might happen due to any improper use of the batteries. Please see the instructions in chapter of "Battery"
12) The used batteries should be recycled rather than disposed as common rubbish.

// Product Introduction

Thank you for choosing Acer's MP340, which has a chargeable Li-Polymer battery with high-quality disk. You can play your favorite audio or video file and enjoy the perfect listening and watching experience. It is also a portable USB storing device which enables you to store and manage your personal data.

1 Major Features

- **Display**--1.8" TFT LCD window can display clearly the pictures and video files.
- **High capacity disk** --with1.8 " 20/30GB disk, it can store a large amount of data.
- **Video playing** –It supports ACV video files and other format files should be converted to ACV by the accessory software.
- **Audio playing**—It supports MP3 (MPEG1/2/2.5 Layer3), WMA music files.
- **Double earphones**—Two persons can share the music at the same time.
- **Lyric Synchronization**—Songs will play with lyrics.
- **Photo viewing**—It supports JPEG files and the user can view pictures by copying them to MP340.
- **Text reading** -- the user can read texts with .Txt files (Unicode)

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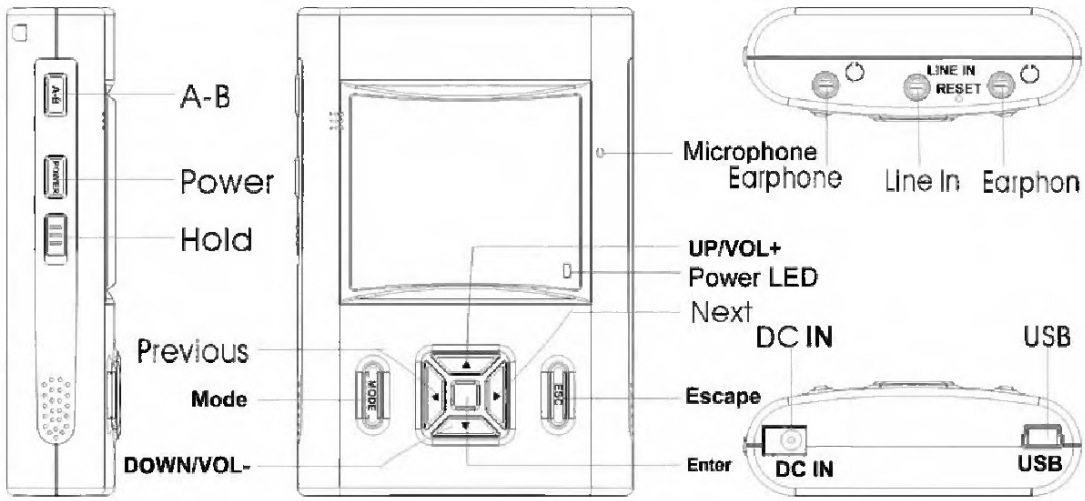
- **USB 2.0 Port** – It supports USB 2.0's high-speed and full-speed functions.
- **SD Card Slot** – It supports SD and MMC cards.
- **Battery** – Built-in rechargeable Li-polymer battery is durable.
- **Video file conversion** - the accessory software can convert any unreadable file formats into readable ones.
- **Multiple languages** - It supports multi-languages, such as English, German, French, Italian, Dutch, Spanish and Russian.
- **Firmware upgradation** - The firmware can be upgraded.

2 Quick Tour of Acer MP340



3 Pack and Accessories

Please be sure that the pack and accessories include the following pieces:

- ☑ Acer MP340 player
- ☑ User's manual
- ☑ Installing CD
- ☑ Power adapter
- ☑ A Line-in cord
- ☑ USB cable
- ☑ Stereo earphone

4 Charging the Batteries

1) This device has the built-in Li battery and the user can charge the battery by using the accessory charger. No matter turning on or off, the battery will be charging when the charger connects it to the live power.
2) If the battery indicator shows one grid or no grid, it means lacking the power and charging is needed.
3) In order to last the battery life, it is recommended to discharge the battery completely before charging during the first two times of charging.

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4) If there is a long rest time for the device, in case of the damage made by overuse of battery, please make sure that you charge and discharge the device at least once a month

5 Installation of USB Drive

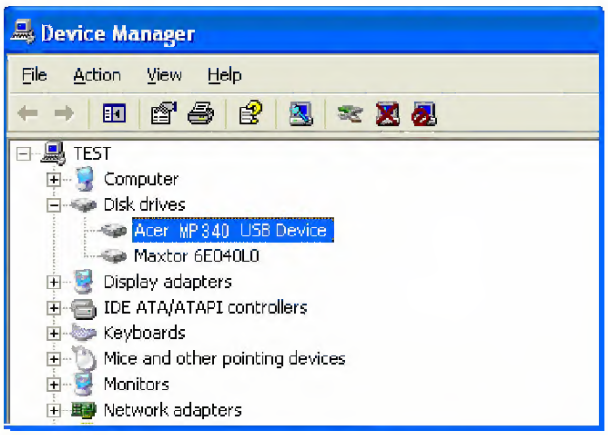
The installation is only needed for windows98 and windows 98 se computers. The steps are as follows:

1) Insert the accessory CD into the CD drive and it will work automatically. The interface shows as follows.

2) Click <Install>, and finish the installation of the drive with clues. The restart of the computer is needed afterward.

Confirmation of the installation of USB drive

1) Turn on MP340, and connect it by the USB cable to the computer
2) Choose "Control Panel","Syetem", and enter "Device Manager", it will show as follows;



3) Choose "Disk drives" and the installed USB drive will display

Attention: if it doesn't show as upward, then please uninstall your USB drive and reinstall it.

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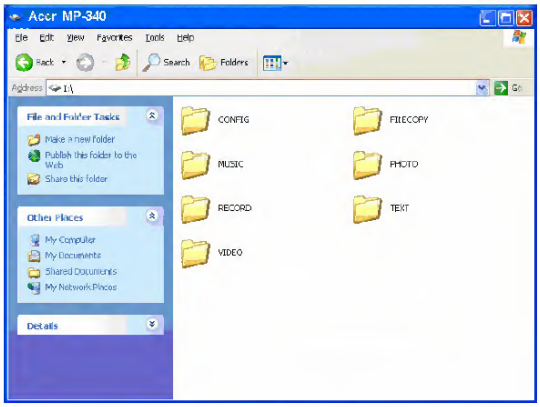
6 Disk Directory Management

1) When the device is connected to the computer normally, a disk symbol will show in [windows explorer] and it includes 7 directories: [music], [Video], [photo], [text], [Recorder], [Filecopy]and[Config]



Attention: The defaulted directories under the root directory such as [music], [Video], [photo], [text], [Recorder], [Filecopy] and [Config], can never be deleted or any abnormal working might occur in the device. In case of any accidental deletion, format the disk of the device and restart it. MP340 player will automatically build these directories yet the original data will be lost.

2) Please put your files into accordant directories.
   - Music Directory music files
   - Video Directory Video files
   - Photo Directory Picture files
   - Text Directory Electronic books
   - Recorder Directory Audio recording
   - Filecopy Directory Copyed files
   - Config Directory System files

7 The Linkage and Safe Remove of USB Cable

7.1 Link the USB cable

Link the MP3 player with the computer by USB cable, and the screen of MP3 will show the following picture. It means the next step of copying data can start.

When the player is transferring data, no direct break between the player and computer is allowed. Please safely remove the player device from the computer.

7.2 Safely remove the USB cable from the computer

1) Right-click the “Plug and play” button in taskbar and choose “Safely remove the device”

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2) Select the device you want to unplug or eject and then click [stop];
3) Confirm devices to be stopped and choose [OK] to continue;
4) Click [close] to end the whole operation

Attention: any abnormal interrupt of the linkage of the device to the computer might cause hurt to the product.

/// Functions

1 Basic Functions

1.1 Turn on and off the player

1) Turn on: Press the Power Button for 3 seconds and the screen will show the Acer Logo (shown as Pic 1) and enter the main menu interface.

Pic1

Pic2

2) Turn off: Press the same button for 3 seconds and the Logo will show again and later it will turn off automatically. (Shown in Pic 2)
3) Restoration: if any unknown reason causes the player into dead status, the power button might be invalid. Now the single press of “reset” will help turn on the device and the system will work normally again.

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1.2 Function selection

Pic 3

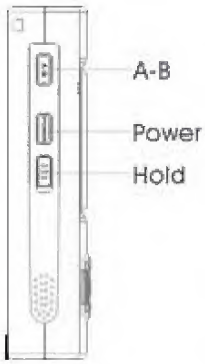
The main menu will show after its turning on as Pic 3. You can select the functions by press "▲"or"▼"button; and then press "**ENTER**" for confirmation.

1.3 Adjusting sound volume

Pic4

During the process of playing video or music, press "▲"or"▼"to increase ot decrease the sound volume.(Shown in Pic 4)

1.4 Holding function



Pic 5

1) Push up "Hold" button to the position shown in Pic 5 and any key-press to the player will be null. This is to avoid any unnecessary key-press.
2) Push down "Hold" button and now the keys are available.

2 Play Music

1) Main menu

The defaulted mode is "Music" after entering the main menu as in Pic 6. Press "**ENTER**" to the interface of music list, as in Pic 7.

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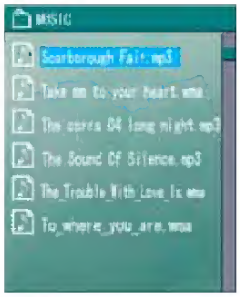
Pic 6



Pic 7

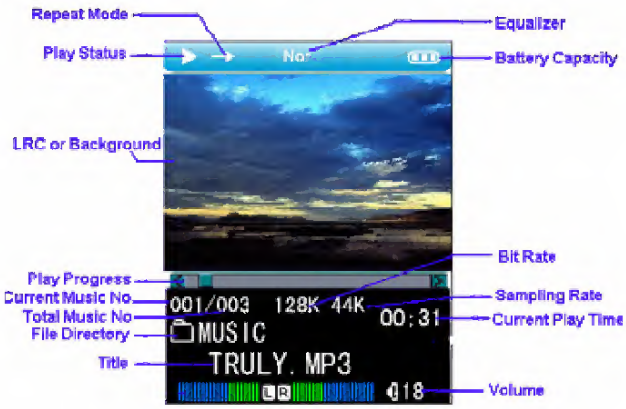
Pic 8

2) Music list

All the music in the music file is listed in the music list. You press "▲"or"▼"to choose the music you want and press "**ENTER**" to play it, see in Pic 8; Press "**ESC**" to return to upper directory; Or press "**MODE**" to get a mode menu to copy or delete one or all files.

3) Music playing modes

Display of the music playing modes



Major functional keys:

a) When music is playing, short press "◄"or"►" to choose the previous or next song

b) When music is playing, long push "◄"or"►"realizes forward and backward within a song.

c) When music is playing, short press "**MODE**" to main menu.

d) When music is playing, short press "**ESC**" to return to music list interface.

4) Pause the music

When music is playing, short press "**ENTER**" to pause the current music. Push "**ENTER**" button again and it will continue to play.

5) Adjust the sound volume

Whenever music is playing or paused, "▲"or"▼"can adjust the sound volume.

6) Playing modes

This player has equipped 5 music playing modes (Normal, Repeat One, Repeat Folder, random, Intro)

Normal: Play music in a normal order, that is playing the first music file till the last. The symbol is

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Repeat One: Repeat one song and the symbol is

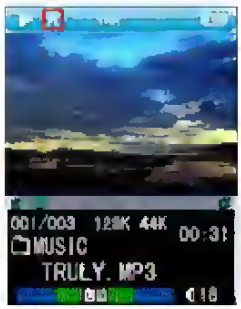
Repeat Folder: Repeat all the songs in music file and the symbol is

Random: Play music at random and the symbol is

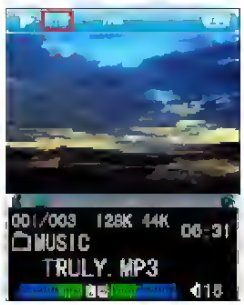
Intro: Play the first 10 seconds period of all the songs orderly and its symbol is

7) A-B replay

When music is playing, press "**A-B**" button once to determine the beginning of the period you want to repeat, see Pic 9; Press "**A-B**" again to specify the end of the section, see Pic 10. Then this period of the music will be repeated over and over. One more press "**A-B**" will end the repetition.



Pic 9



Pic 10

8) Sound effect:

The player has built in 8 sound effect, namely Normal, Rock, Jazz, Classical, Pop, 3D sound, Bass and User EQ. Sound effect can be set under Mode→ Music→Equalizer.

9) Lyrics Synchronization

If a *.MP3 file and a *.LRC file of the same music are copied into the player, the lyrics will show the same time when the music is playing.

Attention: the MP3 file and the LRC file of the same music must be under the same name. For example, only these files are named as "The Sound Of Silence.MP3 "and "The Sound of Silence.LRC", can the lyrics synchronization be realized.

3 Picture Reviewing

1) Select "Photo" under the main menu and press "**ENTER**" to the Photo list (see from Pic 11 to Pic 12). The player is only supportive to jpg files.

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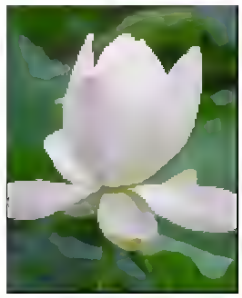
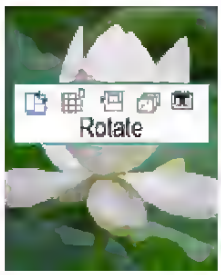
Pic11

Pic12


Pic13

2) Under Photo list , press "▲"or"▼"to select needed picture and press "**ENTER**" to display it. (see Pic 13)
3) When viewing the pictures, press "◀"or"▶" to view the previous or the next picture. Press "**ESC**" will return to the photo list; or press "**MODE**" to return to the main menu.
4) When viewing the pictures, press "**ENTER**" to a set interface as in Pic 14. Viewing modes and the relevant property of photos can be set.



Pic14

Rotate: Rotate the picture 90°clockwise

Game: Set the current picture as the Puzzle game's target.

Desktop: Set the current picture as the desktop.

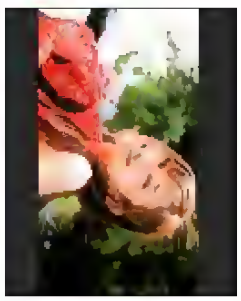
Slide Show: View pictures in a slide show mode.

4 Video Playing

1) Select "Video" under the main menu, as in Pic 15 and press "**ENTER**" to the video playing list as in Pic 16.

Pic15

Pic 16


Pic 17

2) Press "▲"or"▼"to select the wanted video file and press "**ENTER**" to play it, see pic 17.
3) The player only supports ACV files and the video files in other formats should be converted into the readable formats. The latter part lists the instruction for the conversion tool.

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Major Keys:

a) When playing video, short press "◄"or"►"to select the previous and the next video file

b) When playing video, long push "◄"or"►"to realize the forward and backward within a video file.

c) When playing video, short press "**MODE**" to return to the main menu.

d) When playing video, short press "**ESC**" to return to video playing list.

e) When playing video, short press "**ENTER**" to pause the current video and again "**ENTER**" will continue it.

5 Recording

1) Select "Record" under the main menu, as in Pic 18 and press "**ENTER**" to the recording interface. Pic 19 shows the LCD with MIC recording mode.

Pic18

Pic19

2) Press "**ENTER**" to start recording and press "**ENTER**" again to end it.
3) Press "**ESC**" to eject the "Save file" window and then go back to the recording interface, see Pic 19. Press "**MODE**" to return to the main menu. The recording files will be kept in Record file. You can choose the Files menu and then select Record file to broadcast the recording.

Notes:

1) Parameters such as Recording modes(Long time/high-quality/music), recording sources(Line/mic), VAD (Off/Low/High)and Line in Sync(Off/1s/2s/3s/4s)can be adjusted in recording menu after entering Setup under main menu. See instructions in setup menu.
2) When the input source is selected as "MIC", the recorded file will be automatically formatted as VORCXXX.WMA and AUDIXXX.WMA for "Line".

6 Game

1) Select "Game" under the main menu as in Pic 20. Press "**ENTER**" to the game list as in Pic 21.

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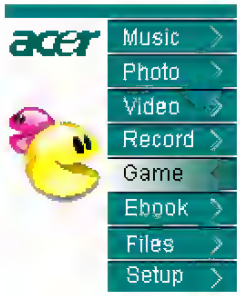


Pic 20

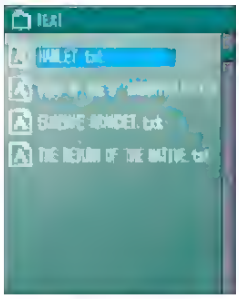
Pic 21

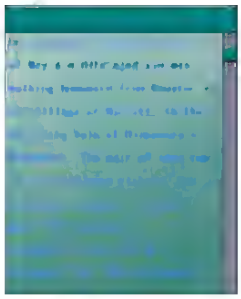
2) Press "▲"or"▼"to choose the wanted game and press "**ENTER**" to start it. There are four little delicate games available.
3) Press "ESC" to return to the game list

7 Electronic Book

1) Select "Ebook" under the main menu as in Pic 22 and press "**ENTER**" to Ebook list.

Pic 22


Pic 23


Pic 24

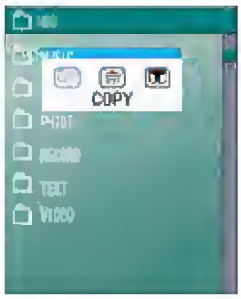
2) Select the desired TXT file and press "**ENTER**" to the text reading interface, see Pic 24. Press"▲"or"▼"to get to the previous page or the next one.
3) This player supports the concurrent working of two functions-listening to music and reading Ebook. When the music is on, press "**MODE**" to the main menu and select "Ebook" to read text.

8 Files Operations

1) Select "Files" under the main menu, see Pic 25. Press "**ENTER**" to the files list. There are two types available: HDD(hard disk) and Card (SD/MMC).

Pic 25

Pic 26



Pic 27

2) Take selecting HDD as an example. Select HDD, and press "**ENTER**" to the directory system of the hard disk. Select the wanted folder or file, and then press "MODE". The ejected interface will show as Pic 27 and any operation of copying or deleting can be taken.

Notes: All the copying, no matter single file or the whole directory, will be stored under the Filecopy directory.

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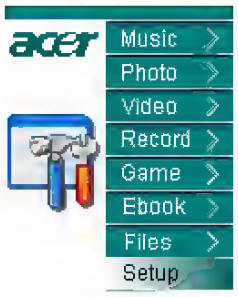
9 Setup

Select "Setup" under the main menu, see Pic 28 and press "**ENTER**" to the setup interface as in Pic 29. There are four options, namely Music, Record, Display and System settings. Press "▲"or"▼"to choose the wanted option and press "**ENTER**" to the detailed setting interface.



Pic28

Pic 29

9.1 Music Setup

Under Music Setup interface, there are two modes- playing modes and sound effect. Press "▲"or"▼"to choose any of the two modes and press "**ENTER**" to its detailed setting interface. Press "**ESC**" to return to the previous menu; Press "**MODE**" to return to the main menu directly.

Playing Modes : This interface contains 5 options, namely Normal, Repeat One, Repeat Folder, random, and Intro. Press "▲"or"▼" to choose any of the five and press "**ENTER**" for confirmation. This is to set Repeat playing modes of songs.

Sound Effect: This setting obtains 8 sound effects, namely Normal, Rock, Jazz, Classical, Pop, 3D Sound, Bass, and User EQ. Press "▲"or"▼"to choose the desired sound effect and press "**ENTER**" for confirmation.

9.2 Recording Setup

Four options will show up after entering the Recording Setup directory, namely "Record Mode", "Input Source", "VAD" and "Line in Sync". Press "▲"or"▼" to choose the desired one and press "**ENTER**" to the detailed setup interface.

Record Mode: Under this interface, there are 3 options, namely Long time, High-quality and Music. Press "▲"or"▼"to choose the wanted mode and press "**ENTER**" for confirmation.

Longtime record: this option can help get a longer time recording yet with a caporal quality.

High-quality record: this option can get high-quality record yet has a shorter recording time.

Music record: this option has the shortest time as it adopts the stereo record with the best quality.

Input Source: It contains two modes- line and Mic. Press "▲"or"▼"to choose the needed one and press "**ENTER**" for confirmation.

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Line: This option means the input sound transferred from Line In is the Input source.

MIC: This option means the input sound from MIC is the Input Source.

VAD: Voice Activity Detection can stop recording if no voice is detected. It contains 3 options- Off, Low and High. Press "▲"or"▼"to choose the needed option and press "**ENTER**" for confirmation.

Line in Sync: It contains 5 options- Off, 1s, 2s, 3s, 4s. Press "▲"or"▼"to choose the needed one and press "**ENTER**" for confirmation.

This is to set the interval period of recording. For example, if 3s is chosen, it means that if the source song pauses 3 seconds and continues to play, then the latter recorded part will be stored in another separated file.

9.3 Display Setup

There are 5 options in Display interface, namely Backlight, Language, Desktop, Slide show and Text Color. Press"▲"or"▼"to choose the needed option and press "**ENTER**" to the detailed the interface.

BackLight : This is to set the persisting lightening period of the backlight and it contains 5 options, namely 15sec, 30 sec, 60 sec and Always on. Press "▲"or"▼"to choose the needed one and press "**ENTER**" for confirmation.

Language: It contains 7 languages—English, German, French, Italian, Dutch, Spanish and Russian. Press "▲"or"▼"to choose the needed one and press "**ENTER**" for confirmation.

Desktop: It contains 3 options—Off, User and Energy. Press "▲"or"▼"to choose the needed one and press "**ENTER**" for confirmation.

Off: Delete the current desktop picture.

User: Use the pointed picture as the desktop by the user. When viewing a certain picture, eject "Mode" menu and select Desktop to pin the picture to desktop.

Energy: Take the sound effect symbols as the desktop.

Photo Viewing Modes: It times the interval between the presence of two photos when viewing photos and it has 3 choices- 3s, 5s and 10s. Press "▲"or"▼"to choose the needed one and press "**ENTER**" for confirmation.

Text Color: It sets the text colors of the e-book and it has 5 options, white, black, red, blue and green. Press "▲"or"▼"to choose the needed one and press "**ENTER**" for confirmation.

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9.4 System Setup

There are four items listed after entering System Setup, namely Sleep, Auto shutdown, Set Default and Information. Press "▲"or"▼"to choose the needed one and press "**ENTER**" to the detailed interface.

Sleep: It sets the power-off time and it contains 5 options—OFF, 15m, 30m, 60m and 90m. Press "▲"or"▼"to choose the needed one and press "**ENTER**" for confirmation.

Autoshutdown: It sets the auto shut d own time when there is no operation. There are 3 items—1 min, 3 min and 5 min. Press "▲"or"▼"to choose the needed one and press "**ENTER**" for confirmation.

Attention: When there is no operation during the process of playing music or video, the function of Auto shutdown is invalid.

Set Default: There will be a window ejecting that "whether restore the defaulted setup". Press"▲"or"▼"to select "Yes" or "No" to restore or not.

Information: Information such as the rest space, total space and software edition will be provided under Information interface.

10 Firmware Upgradation

To download a new firmware to realize its upgradation can follow the steps as follows:

1) Visit the home page of Acer Corp (Http://www.acer-euro.com) and download the newest firmware.
2) Link the player to the computer with USB cable.
3) Copy the newest firmware to the root directory of MP340 player's built-in hard disk.
4) Safely unplug the player with its USB cable and the computer.
5) Restart the player and it will finish the upgradation automatically.

Attention: Make sure that there is sufficient power before upgradation. The product will suffer badly if power breaks in the process of upgradation. Therefore, be sure to maintain the persistent power supply by linking it with the Power Adaptor to a power outlet before the upgradation takes place.

11 Video Formats Conversion Tool

This tool converts the video formats to ACV formats which are readable in MP340 player.

11.1 Install software

Put the accessory installing disk into CD-ROM of a computer and it will automatically work and click the install button of the conversion tool and follow the clues by clicking "Next Step" to finish its installation.

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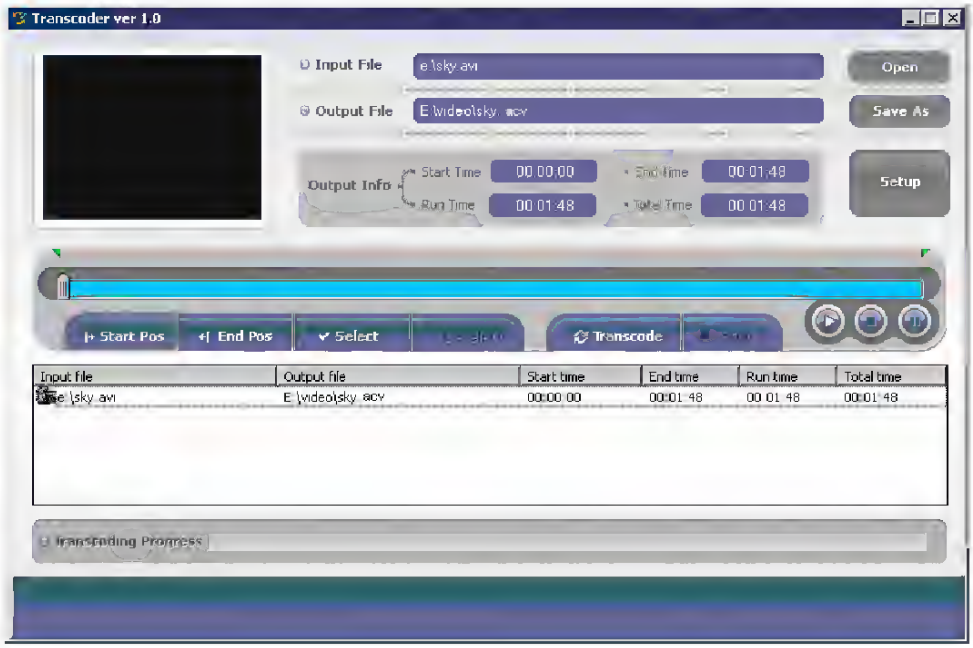
11.2 Run software

Click [Start], then [System], and choose "ACV Transcoder". The interface of "ACV Transcoder.exe"looks as follows.



Input File: The video file that needs conversion and its path

Output File : The video file that has finished conversion and its storage path.

Start Pos: Setting the starting point of the video file that will be played or converted.

End Pos: Set the ending point of the video file that will be played or converted.

Select: Confirm the starting and ending positions of the video file that will be converted.

Deselect: Cancel the setup of the starting and ending position of the video file.

Transcode: Start to convert the video file.

Stop: Stop converting.

Attention: DirectX9.0 and upper edition is needed before using conversion tool.

IV Common Problems and Solutions

The following part is some of the common problems in dealing with the product. Please check it first before contacting the Customer Service Center.

1. Q: The player cannot be started and LCD doesn't show anything, why?

A: Make sure that the battery is fully charged.

2. Q: why are the keys not functioning?

A: 1) Check if there is a "Hold" sign on LCD.
2) If there is a "Hold" sign, please push Hold button up and unlock the keys.

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3. Q: The player turns off suddenly, why?

A: 1) Please check the setup of [Auto Shutdown] under [system] submenu.
2) Please check if there is enough battery power.

4. Q: Why can't I play the video files?

A: This player only supports ACV video files. If your video formats are not ACV formats, please convert them to the readable formats by the accessory conversion software. (see the last instruction)

5. Q: There is no voice or little voice when playing music or video, why?

A: 1) Please check the volume status, and adjust the volume button.
2) Make sure the earphone is plugged properly.

6. Q: What is LRC lyrics?

A: The LRC lyrics are the synchronized lyrics when the music is playing.

7. Q: Why cannot the lyrics be shown when the music is playing?

A: The LRC file name should be the same with MP3 file's. Otherwise it cannot search the lyrics for the song.

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V Specifications

	Category	Parameter specification
System	Built-in Storage	1.8" 20/30GB Hard Disk SD/MMC Card
	File Management	Copy and delete Single file or all files in Folder
	File System	FAT 32
User interface	Key Definition	Power , A-B , Lock ,Up, Down, Left, Right, ENTER, Esc, Mode
	Language	English, German, French, Italian , Dutch, Spanish and Russian (Optional)
Power Supply	Switching adaptor	AC 100-240V in, DC 5V , 2.4A output
	Battery	Rechargeable Li-Polymer 3,7V/1200mAh
	ENTERback Time	Video: 5 hours, Audio: 10 hours (max)
	Power Saving	Auto Power off, Screen saver
Audio	Audio Output	Dual Earphone Output 10mW/Channel
	Output Frequency	20Hz~20KHz
	Signal to Noise Ratio	90dB
Display	Interface	1.8" TFT LCD
	Resolution	128×160(RGB) Pixels
USB2.0	Device	USB 2.0/ USB 1.1 interface
General	Dimensions	95×65×21 mm
	Operation Temperature	0°C to 40°C

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Supported File Types and Functions

File Type		Description
Audio	MP3 (*.MP3)	Support ISO MPEG1/2/2.5 Layer3 including Variable Bit Rate (VBR), stereo. sample rate up to 48KHz , Bit rate:8-320Kbps.
	WMA (*.WMA)	Support WMA decoding. sample Rate up to 44KHz , Bit rate :5-92Kbps,stereo
	Tag	Support ID3 V1 tag,ID3 V2 tag
Video	ACV	Support ACV. Other formats need to be converted with the accessory conversion tool
Image	JPEG (*.JPG)	Baseline YUV and Grayscale (No progressive) Up to 3264*2448 Pixels
E-book	TXT(*.txt)	Coding: Unicode

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